

10/553910

JC20 Rec'd PCT/PTO 21 OCT 2005

MAIL STOP PCT
Attorney Docket: 27057U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

GÖBBERT, et al.

Appl. No.: Not Yet Assigned

Filed: October 21, 2005

Internatl. Appl. No.: PCT/EP2004/004295

Internatl. Filing Date: 23 April 2004 (23.04.2004)

Title: **METHOD FOR PRODUCING A COMPOSITE MATERIAL THAT CAN BE USED AS A PHOTONIC CRYSTAL**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. 1.97-1.98. Please note the following particulars: [NOTE: One only of items a, b, c, and d must be checked.]

- [**XXX**] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.
- [] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311.
The enclosed statement is accompanied by [check one]:
[] i. a certification in part (e) below as specified in 37 C.F.R. 1.97(e), or
[] ii. a check in the amount required by 37 C.F.R. 1.17(p).

[] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311, but before payment of the issue fee.
[] Certification report(e) below; and
[] a check in the amount as required by 1.17(p).

[] d. The enclosed statement is being filed pursuant to 37 C.F.R. 1.97(i), for placement in the file.

[] e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

[] I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

[] I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

[] Appropriate certification is attached.

[XXX] f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 14-0112.

10/553910

JC20 Rec'd PCT/PTO 21 OCT 2005

National Phase of PCT/EP2004/004295
Appl. No.: Not Yet Assigned
Attorney Docket: 27057U
Page 3

[**XXX**] g. Copies of the documents are attached herewith with a completed Form PTO-1449.

or

[] Copies of the documents are not attached as allowed under CFR 1.98(d)(1)(2). The earlier application is identified as:

and/or

[**XXX**] Copies of US Patents/Publications not attached as allowed in Official Gazette Aug. 5, 2003/ Vol. 1273, no. 1.

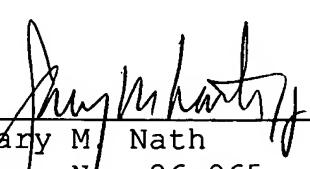
The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: October 21, 2005

By:


Gary M. Nath
Reg. No. 26,965
Jerald L. Meyer
Reg. No. 41,194
Customer No. 20529

NATH & ASSOCIATES PLLC
1030 15th St., N.W., 6th Fl.,
Washington, D.C. 20005-1503
Tel: 202-775-8383
Fax: 202-775-8396
GMN/JLM/le (NP.IDS.NewApplication.Statement)

FORM PTO-1449		Attorney Docket: 27057U	Appl. No.: 10/153910 Not Yet Assigned			
INFORMATION DISCLOSURE CITATION		In re Application of: GÖBBERT, et al.	Filed: October 21, 2005			
		Internat'l. Appl. No.: PCT/EP2004/004295	Internat'l. Filing Date: 23 April 2004 (23.04.2004)			
U.S. PATENT DOCUMENTS						
Exam. Initial	Document Number	Issue/Pub. Date	Name	Class	Sub- Class	Filed
A1	2003/0071564 A1	17 Apr. 2003	Hirayama			20 Mar. 2000
A2	2002/0056831 A1	16 May 2002	Chen et al.			11 Apr. 2001
A3	2002/0122644 A1	05 Sept. 2002	Birks et al.			31 Oct. 2001
A4	2002/0074537 A1	20 Jun. 2002	John et al.			23 Jul. 2001
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub- Class	Translation
A5	0 452 828 A2	23 Oct. 1991	EP			N/A
A6						
A7						
A8						
A9						
A10						
A11						
A12						
A13						
A14						
A15						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
A16	Lanata, M., et al., "Titania inverse opals for infrared optical applications", <u>Optical Materials</u> , vol. 17, pages 11-14, (2001).					
A17	Miguez, H., et al., "Photonic Bandgap Engineering in Germanium Inverse Opals by Chemical Vapor Deposition", <u>Adv. Mater.</u> , vol. 13, no. 21, pages 1634-1637, (2001).					
A18	Wang, D., et al., "Gold-Silica Inverse Opals by Colloidal Crystal Templating", <u>Adv. Mater.</u> , vol. 14, no. 12, pages 908-912, (2002).					
A19	Yan, H., et al., "A Chemical Synthesis of Periodic Macroporous NiO and Metallic Ni", <u>Adv. Mater.</u> , vol. 11, no. 12, pages 1003-1006, (1999).					
A20						
A21						
Examiner			Date Considered			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						